

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Günter Zwarg et al.
Serial No.

Filed:

Title: ELECTRIC MACHINE

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) Group:
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) Examiner:

4A Pct. Andl.
M. BAUNSM
6/9/02

PRELIMINARY AMENDMENT

Assistant Commissioner of Patents
Washington, DC 20231

Sir:

Prior to calculating the filing fee, please enter the following amendments to the application.

IN THE CLAIMS

- ✓ In claim 3, line 1, delete "or 2"
- ✓ In claim 4, line 1, delete "one of claims 1 to 3" and substitute therefor --claim 1--.
- ✓ In claim 5, line 1, delete "one of claims 1 to 4" and substitute therefor --claim 1--.
- ✓ In claim 6, line 1, delete "one of claims 1 to 5" and substitute therefor --claim 1--.
- ✓ In claim 7, line 1, delete "or 7".
- ✓ In claim 8, line 1, delete "one of claims 1 to 6" and substitute therefor --claim 1--.
- ✓ In claim 9, line 1, delete "one of claims 1 to 8" and substitute therefor --claim 1--.

Please add the following new claims:

--10. Electric machine according to claim 2, characterized in that the dust collecting head comprises means which guide the brush dust to the inlet opening.

11. Electric machine according to claim 2, characterized in that the dust collecting head and the brush holder form a compact component.

12. Electric machine according to claim 3, characterized in that the dust collecting head and the brush holder form a compact component.

13. Electric machine according to claim 2, characterized in that the distance between the slip ring and the --as seen in rotation direction of the slip ring--front edge of the dust collecting head is greater than the distance between the skip ring and the rear edge of the dust collecting head.

14. Electric machine according to claim 3, characterized in that the distance between the slip ring and the --as seen in rotation direction of the slip ring--front edge of the dust